



TORQ Analysis of Truck Drivers, Heavy and Tractor-Trailer to Laborers and Freight, Stock, and Material Movers, Hand

INPUT SECTION:

Transfer	Title	O*NET	Filters		
From Title:	Truck Drivers, Heavy and Tractor-Trailer	53-3032.00	Abilities:	Importance Level: 50	Weight: 1
To Title:	Laborers and Freight, Stock, and Material Movers, Hand	53-7062.00	Skills:	Importance Level: 69	Weight: 1
Labor Market Area:	Maine Statewide		Knowledge:	Importance Level: 69	Weight: 1

OUTPUT SECTION:

Grand TORQ:

81

Ability TORQ				Skills TORQ				Knowledge TORQ			
Level		<div></div> 75		Level		<div></div> 88		Level		<div></div> 81	
Gaps To Narrow if Possible				Upgrade These Skills				Knowledge to Add			
Ability	Level	Gap	Impt	Skill	Level	Gap	Impt	Knowledge	Level	Gap	Impt
No Critical Gaps Recorded!				No Skills Upgrade Required!				No Knowledge Upgrades Required!			

LEVEL and IMPT (IMPORTANCE) refer to the Target Laborers and Freight, Stock, and Material Movers, Hand. GAP refers to level difference between Truck Drivers, Heavy and Tractor-Trailer and Laborers and Freight, Stock, and Material Movers, Hand.

ASK ANALYSIS

Ability Level Comparison - Abilities with importance scores over 50

Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand	Importance
Static Strength	75	59	61
Trunk Strength	48	47	58
Extent Flexibility	57	46	58
Manual Dexterity	42	37	56
Visualization	48	35	50

Skill Level Comparison - Abilities with importance scores over 69

Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand	Importance
-------------	--	--	------------

Knowledge Level Comparison - Knowledge with importance scores over 69



Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand	Importance
-------------	--	--	------------

Experience & Education Comparison

Related Work Experience Comparison			Required Education Level Comparison		
Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand	Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand
10+ years	0%	1%	Doctoral	0%	4%
8-10 years	0%	0%	Professional Degree	0%	0%
6-8 years	0%	0%	Post-Masters Cert	0%	0%
4-6 years	5%	0%	Master's Degree	0%	0%
2-4 years	1%	1%	Post-Bachelor Cert	0%	0%
1-2 years	71%	14%	Bachelors	0%	0%
6-12 months	10%	6%	AA or Equiv	0%	5%
3-6 months	0%	15%	Some College	3%	0%
1-3 months	0%	11%	Post-Secondary Certificate	21%	0%
0-1 month	1%	9%	High School Diploma or GED	53%	69%
None	9%	38%	No HSD or GED	22%	19%

Truck Drivers, Heavy and Tractor-Trailer

Laborers and Freight, Stock, and Material Movers, Hand

Most Common Educational/Training Requirement:

Moderate-term on-the-job training

Short-term on-the-job training

Job Zone Comparison

2 - Job Zone Two: Some Preparation Needed

2 - Job Zone Two: Some Preparation Needed

Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. For example, a teller might benefit from experience working directly with the public, but an inexperienced person could still learn to be a teller with little difficulty.

Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. For example, a teller might benefit from experience working directly with the public, but an inexperienced person could still learn to be a teller with little difficulty.

These occupations usually require a high school diploma and may require some vocational training or job-related course work. In some cases, an associate's or bachelor's degree could be needed.

These occupations usually require a high school diploma and may require some vocational training or job-related course work. In some cases, an associate's or bachelor's degree could be needed.

Employees in these occupations need anywhere from a few months to one year of working with experienced employees.

Employees in these occupations need anywhere from a few months to one year of working with experienced employees.

Tasks

Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand
Core Tasks	Core Tasks
Generalized Work Activities:	Generalized Work Activities:
<ul style="list-style-type: none"> Operating Vehicles, Mechanized Devices, or Equipment - Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. Inspecting Equipment, Structures, or 	<ul style="list-style-type: none"> Performing General Physical Activities - Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.



Material - Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.

- Getting Information - Observing, receiving, and otherwise obtaining information from all relevant sources.
- Identifying Objects, Actions, and Events - Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
- Performing General Physical Activities - Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.

Specific Tasks

Occupation Specific Tasks:

- Check all load-related documentation to ensure that it is complete and accurate.
- Check conditions of trailers after contents have been unloaded to ensure that there has been no damage.
- Check vehicles before driving them to ensure that mechanical, safety, and emergency equipment is in good working order.
- Climb ladders to inspect loads after loading is complete, in order to ensure that cargo is secure.
- Collaborate with other drivers as part of a driving team on some trips.
- Collect delivery instructions from appropriate sources, verifying instructions and routes.
- Couple and uncouple trailers by changing trailer jack positions, connecting or disconnecting air and electrical lines, and manipulating fifth-wheel locks.
- Crank trailer landing gear up and down to safely secure vehicles.
- Drive trucks to weigh stations before and after loading and along routes, in order to document weights and to comply with state regulations.
- Drive trucks with capacities greater than 3 tons, including tractor-trailer combinations, in order to transport and deliver products, livestock, or other materials.
- Follow appropriate safety procedures when transporting dangerous goods.
- Follow special procedures related to specific cargo, such as checking refrigeration systems when carrying frozen foods, or providing food and water when carrying livestock.
- Give directions to laborers who are packing goods and moving them onto trailers.
- Install and remove special equipment

- Getting Information - Observing, receiving, and otherwise obtaining information from all relevant sources.
- Inspecting Equipment, Structures, or Material - Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
- Monitor Processes, Materials, or Surroundings - Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.
- Operating Vehicles, Mechanized Devices, or Equipment - Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft.

Specific Tasks

Occupation Specific Tasks:

- Adjust controls to guide, position and move equipment such as cranes, booms, and cameras.
- Adjust controls to raise and lower scenery and stage curtains during performances, following cues.
- Adjust or replace equipment parts such as rollers, belts, plugs, and caps, using hand tools.
- Assemble product containers and crates, using hand tools and precut lumber.
- Attach identifying tags to containers, or mark them with identifying information.
- Attach slings, hooks, and other devices to lift cargo and guide loads.
- Build braces and otherwise lash and shore cargo in ships' holds, in order to prevent shifting during voyages.
- Bundle and band material such as fodder and tobacco leaves, using banding machines.
- Carry needed tools and supplies from storage or trucks, and return them after use.
- Carry out general yard duties such as performing shunting on railway lines.
- Check out, rent, or requisition all equipment needed for productions or for set construction.
- Connect electrical equipment to power sources so that it can be tested before use.
- Connect hoses and operate equipment to move liquid materials into and out of storage tanks on vessels.
- Direct spouts and position receptacles such as bins, carts, and containers so they can be loaded.
- Erect tents and canopies to protect crews and equipment from weather.
- Guide loads being lifted in order to prevent swinging.



such as tire chains, grader blades, plow blades, and sanders.

- Inventory and inspect goods to be moved, in order to determine quantities and conditions.
- Load and unload trucks, or help others with loading and unloading, operating any special loading-related equipment on vehicles and using other equipment as necessary.
- Maintain logs of working hours and of vehicle service and repair status, following applicable state and federal regulations.
- Maneuver trucks into loading or unloading positions, following signals from loading crew as needed; check that vehicle position is correct and any special loading equipment is properly positioned.
- Obtain receipts or signatures when loads are delivered, and collect payment for services when required.
- Operate equipment such as truck cab computers, CB radios, and telephones to exchange necessary information with bases, supervisors, or other drivers.
- Operate trucks equipped with snowplows and sander attachments to maintain roads in winter weather.
- Perform basic vehicle maintenance tasks such as adding oil, fuel, and radiator fluid, or performing minor repairs.
- Perform emergency roadside repairs such as changing tires and installing light bulbs, tire chains, and spark plugs.
- Place empty carts and pallets in trailers so they will be available to facilitate placement and movement of goods.
- Read and interpret maps in order to determine vehicle routes.
- Read bills of lading to determine assignment details.
- Remove any debris from trailers after loading is completed.
- Report vehicle defects, accidents, traffic violations, or damage to the vehicles.
- Secure cargo for transport, using ropes, blocks, chain, binders, and/or covers.
- Wrap goods using pads, packing paper, and containers, and secure loads to trailer walls, using straps.

Detailed Tasks

Detailed Work Activities:

- collect payment
- direct and coordinate activities of workers or staff
- drive tractor-trailer truck
- drive truck with capacity greater than 3 tons
- examine vehicle to detect malfunctions, damage, or maintenance needed

- Install protective devices, such as bracing, padding, or strapping, to prevent shifting or damage to items being transported.
- Lay tracks for camera dollies and cranes, and carry or push around dollies and cranes as instructed.
- Load and unload ship cargo, using winches and other hoisting devices.
- Maintain equipment storage areas to ensure that inventory is protected.
- Move freight, stock, and other materials to and from storage and production areas, loading docks, delivery vehicles, ships, and containers, by hand or using trucks, tractors, and other equipment.
- Pack containers and re-pack damaged containers.
- Read work orders or receive oral instructions to determine work assignments and material and equipment needs.
- Record numbers of units handled and moved, using daily production sheets or work tickets.
- Rig and dismantle props and equipment such as frames, scaffolding, platforms, or backdrops, using hand tools.
- Secure and release mooring lines of ships.
- Set up the equipment needed to produce special lighting and sound effects during performances.
- Sew canvas and other materials to make and repair tents, tarps, scrim, and backings, using sewing machines.
- Shovel material such as gravel, ice, or spilled concrete into containers or bins, or onto conveyors.
- Sort cargo before loading and unloading.
- Stack cargo in locations such as transit sheds or in holds of ships as directed, using pallets or cargo boards.
- Wash out cargo containers and storage areas.

Detailed Tasks

Detailed Work Activities:

- achieve special lighting or sound effects
- attach or mark identification onto products or containers
- clean equipment or machinery
- clean rooms or work areas
- dismantle or reassemble rigging
- handle props during performances
- load, unload, or stack containers, materials, or products
- maintain production or work records
- maintain safe work environment
- measure, weigh, or count products or materials



- follow traffic laws
- load, unload, or stack containers, materials, or products
- maintain driver log according to I.C.C. regulations
- maintain or repair cargo or passenger vehicle
- maintain records, reports, or files
- move or fit heavy objects
- operate cleaning equipment
- perform safety inspections in transportation setting
- prepare reports
- prepare safety reports
- read maps
- service vehicle with water, fuel, or oil
- transport passengers or cargo
- use established traffic or transportation procedures
- use geographic positioning system (GPS)
- use local or regional geographical knowledge to transportation
- use truck-mounted hydraulic lifts or other accessories
- use two-way radio or mobile phone
- use vehicle repair tools or safety equipment
- use weighing or measuring devices in transportation
- verify cargo against shipping papers
- work as a team member
- wrap products

Technology - Examples

Data base user interface and query software

- Easy Trucker software
- Fog Line Software Truckn2004
- Truckers Helper software

Inventory management software

- Computerized inventory tracking software

Route navigation software

- ALK Technologies PC* Mler
- MarcoSoft Quo Vadis

Tools - Examples

- Compressors
- Blocks and tackle
- Flatbed trucks
- Pup trailers

- move or fit heavy objects
- operate hoist, winch, or hydraulic boom
- operate packaging or banding machine or equipment
- operate sewing machine
- operate woodworking equipment/machinery
- package goods for shipment or storage
- perform safety inspections in manufacturing or industrial setting
- read technical drawings
- read work order, instructions, formulas, or processing charts
- repair specialized rigging
- requisition stock, materials, supplies or equipment
- set up specialized rigging
- signal directions or warnings to coworkers
- sort manufacturing materials or products
- use hand or power tools
- use hand or power woodworking tools
- use spray paint equipment
- use two-way radio or mobile phone
- wrap products

Technology - Examples

Data base user interface and query software

- Data entry software

Industrial control software

- Machine control software

Inventory management software

- Inventory tracking software

Spreadsheet software

- Spreadsheet software

Tools - Examples

- Dollies
- Forklifts
- Claw hammers
- Handtrucks
- Power hoists
- Jacks
- Lifting hooks
- Pallet transport trucks
- Personal computers
- Planes



- Trucks greater than 26000 pounds
- Dump trucks
- Lowboy trailers
- Forklifts
- Global positioning system GPS devices
- Handtrucks
- Cargo hoists
- Handlifts
- Satellite linkup systems
- Personal digital assistants PDA
- Refuse collection trucks
- Plow attachments
- Boom trucks
- On-board computers
- 4-ranger tower trucks
- Sliding fifth wheels
- Two way radios
- Wheeled loaders
- Winches

• Tools

- Power saws
- Hand saws
- Scaffolding
- Slings
- Winches
- Overhead cranes
- Banding machines

Labor Market Comparison

Description	Truck Drivers, Heavy and Tractor-Trailer	Laborers and Freight, Stock, and Material Movers, Hand	Difference
Median Wage	\$ 31,140	\$ 22,130	\$(9,010)
10th Percentile Wage	\$ 21,630	\$ 15,710	\$(5,920)
25th Percentile Wage	N/A	N/A	N/A
75th Percentile Wage	\$ 39,070	\$ 26,170	\$(12,900)
90th Percentile Wage	\$ 48,350	\$ 31,550	\$(16,800)
Mean Wage	\$ 33,190	\$ 23,000	\$(10,190)
Total Employment - 2007	9,940	8,320	-1,620
Employment Base - 2006	11,827	8,560	-3,267

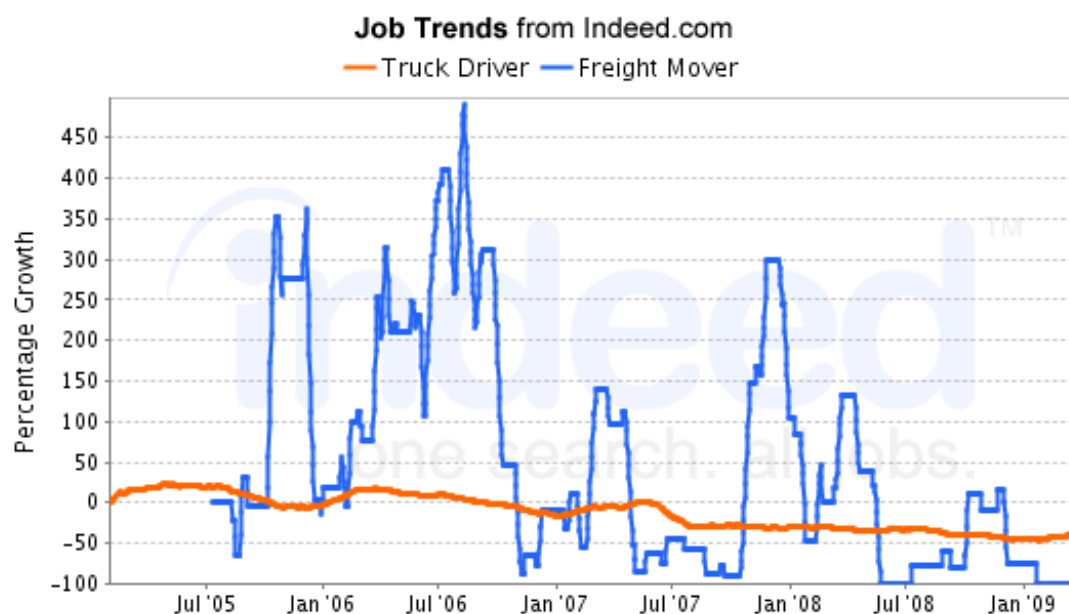


Projected Employment - 2016	12,184	8,354	-3,830
Projected Job Growth - 2006-2016	3.0 %	-2.4 %	-5.4 %
Projected Annual Openings - 2006-2016	246	274	28

National Job Posting Trends

Trend for Truck Drivers, Heavy and Tractor-Trailer

Trend for Laborers and Freight, Stock, and Material Movers, Hand

Data from [Indeed](http://Indeed.com)

Recommended Programs

No program data for the occupation.

Maine Statewide Promotion Opportunities for Truck Drivers, Heavy and Tractor-Trailer

O*NET Code	Title	Grand TORQ	Job Zone	Employment	Median Wage	Difference	Growth	Annual Job Openings
53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	100	2	9,940	\$31,140.00	\$0.00	3%	246
53-4011.00	Locomotive Engineers	76	4	100	\$59,580.00	\$28,440.00	12%	4
43-5041.00	Meter Readers, Utilities	74	1	90	\$31,240.00	\$100.00	-11%	3



53-7032.00	Excavating and Loading Machine and Dragline Operators	73	2	330	\$32,160.00	\$1,020.00	6%	8
37-3013.00	Tree Trimmers and Pruners	73	2	0	\$38,080.00	\$6,940.00	0%	0
43-5052.00	Postal Service Mail Carriers	73	1	1,730	\$43,190.00	\$12,050.00	-3%	50
47-4061.00	Rail-Track Laying and Maintenance Equipment Operators	73	1	120	\$36,960.00	\$5,820.00	8%	4
53-7021.00	Crane and Tower Operators	72	3	240	\$41,940.00	\$10,800.00	-2%	4
47-5021.00	Earth Drillers, Except Oil and Gas	71	3	140	\$37,470.00	\$6,330.00	2%	4
43-5053.00	Postal Service Mail Sorters, Processors, and Processing Machine Operators	70	2	970	\$41,950.00	\$10,810.00	-12%	10
47-2073.00	Operating Engineers and Other Construction Equipment Operators	69	3	2,110	\$31,990.00	\$850.00	6%	53
53-1011.00	Aircraft Cargo Handling Supervisors	69		20	\$44,750.00	\$13,610.00	13%	0
51-4121.06	Welders, Cutters, and Welder Fitters	68	2	1,610	\$38,030.00	\$6,890.00	7%	49
47-2151.00	Pipelayers	67	2	60	\$33,170.00	\$2,030.00	8%	3
49-3031.00	Bus and Truck Mechanics and Diesel Engine Specialists	67	3	1,180	\$34,210.00	\$3,070.00	6%	34

Top Industries for Laborers and Freight, Stock, and Material Movers, Hand

Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Employment services	561300	19.40%	468,592	533,758	13.91%
Warehousing and storage	493100	5.89%	142,188	170,924	20.21%
Couriers	492100	5.31%	128,381	124,161	-3.29%
Grocery and related product wholesalers	424400	3.05%	73,798	72,627	-1.59%
General freight trucking	484100	2.90%	70,150	71,413	1.80%
Building material and supplies dealers	444100	1.98%	47,890	55,080	15.01%
Grocery stores	445100	1.81%	43,792	43,002	-1.80%



Specialized freight trucking	484200	1.69%	40,898	41,459	1.37%
Miscellaneous durable goods merchant wholesalers	423900	1.69%	40,948	42,309	3.32%
Miscellaneous nondurable goods merchant wholesalers	424900	1.48%	35,809	35,039	-2.15%
Local government, excluding education and hospitals	939300	1.45%	35,063	35,451	1.10%
Wholesale electronic markets and agents and brokers	425100	1.33%	32,082	32,765	2.13%
Lumber and other construction materials merchant wholesalers	423300	1.31%	31,750	32,822	3.37%
Management of companies and enterprises	551100	1.03%	24,918	25,853	3.75%
Furniture stores	442100	1.00%	24,189	22,213	-8.17%

Top Industries for Truck Drivers, Heavy and Tractor-Trailer

Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
General freight trucking	484100	31.71%	589,766	667,086	13.11%
Specialized freight trucking	484200	12.05%	224,032	252,341	12.64%
Self-employed workers, primary job	000601	8.51%	158,317	168,666	6.54%
Cement and concrete product manufacturing	327300	4.17%	77,512	84,135	8.55%
Grocery and related product wholesalers	424400	3.31%	61,617	67,377	9.35%
Other specialty trade contractors	238900	2.59%	48,100	53,161	10.52%
Employment services	561300	2.24%	41,689	52,763	26.56%
Support activities for road transportation	488400	1.73%	32,238	35,449	9.96%
Waste collection	562100	1.60%	29,808	37,582	26.08%
Warehousing and storage	493100	1.55%	28,770	38,426	33.57%
Couriers	492100	1.49%	27,785	29,858	7.46%
Highway, street, and bridge construction	237300	1.45%	26,980	29,048	7.66%
Lumber and other construction materials merchant wholesalers	423300	1.30%	24,253	27,857	14.86%
Building material and supplies dealers	444100	1.20%	22,263	28,450	27.79%
Local government, excluding education and hospitals	939300	1.17%	21,759	24,444	12.34%